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ALLEGHENY NF

5283 FOREST INSECT AND DISEASE CONTROL

NOVEMBER 28, 1974

OAK LEAF TIER INFESTATION

REGIONAL FORESTER, R-9

WE THOUGHT YOU WOULD BE INTERESTED IN THE ENCLOSURES WHICH RELATE TO THE CURRENT INFESTATION PROBLEMS AND EXPECTED MORTALITY FROM THE OAK LEAF TIER ON THE WESTERN PART OF THE FOREST.

THE MAP IS A SUMMARY OF ALL INSECT DAMAGE OBSERVATIONS IN 1974. OF PARTICULAR INTEREST IS THE SOLID RED, SOLID GREEN AND SOLID BLUE COLORATION AREAS. THESE REPRESENT HEAVY, MODERATE AND LIGHT DEFOLIATION RESPECTIVELY FROM OAK LEAF TIER INFESTATIONS. THE FOLLOWING LEVELS OF DEFOLIATION HAVE BEEN IDENTIFIED:

DEFOLIATION LEVEL (ACRES)

<u>DISTRICT</u>	<u>LIGHT</u>	<u>MEDIUM</u>	<u>HEAVY</u>	<u>TOTAL</u>
SHEFFIELD	688	2188	2588	5288
MARIENVILLE	588	1888	3388	5688
	1188	3988	5888	18,888

WE HAVE ALSO LABELED AND DELINEATED THE BOUNDARIES OF THE ALLEGHENY FRONT AND HICKORY CREEK PROPOSED WILDERNESS STUDY AREAS ON THE MAP. YOU WILL NOTICE THAT THERE ARE CONSIDERABLE ACREAGES OF INFESTATION INCLUDED WITHIN THE BOUNDARIES OF THESE TWO AREAS. IF WE FOLLOW THE SAME PROCEDURE WITH INSECT INFESTATION AS WE ARE DOING WITH OUR RECENT BLOWDOWN TIMBER THERE WILL BE CONSIDERABLE DEAD MATERIAL WHICH WILL RECEIVE NO SALVAGE EFFORT, BECAUSE IT WILL OCCUR IN A PROPOSED WILDERNESS STUDY AREA. FROM THE ENCLOSED MAP IT WOULD APPEAR TO AMOUNT TO ABOUT 4888 ACRES.

WE HAVE HAD A FEW COLOR PRINTS MADE FROM THE AERIAL COLOR POSITIVE AND ENCLOSE ONE WHICH SHOWS LARGE AREAS OF HEAVY DEFOLIATION NEAR EAST HICKORY, PA. THE GRAYISH TONE REPRESENTS PROBLEM AREAS. THE BRIGHT RED COLOR REPRESENTS UNDAMAGED STANDS.

WE INVITE YOU TO VIEW THIS PROBLEM WITH US ABOUT NEXT MAY WHEN MORTALITY WILL BE OBVIOUS.

RALPH H. FREEMAN
FOREST SUPERVISOR

ENCL.: AERIAL COLOR PHOTO WITH INDEX MAP
MAP OF 1974 INSECT DAMAGE OBSERVATIONS